

Synthesis of Methylpentadiene Based on Propylene,  
by S. I. Kryukov, N. I. Farberov, 8 pp.

RUSSIAN, par, Zhur Prik Khim (USSR), Vol XXXX, No 3,  
1958, pp 476-484.

Assoc Tech Br  
770248

Sci - chem  
Apr 59  
OIS, V. I, No 5

85,908

Synthesis of Methylpentadiene Based on Propylene,  
by S. & I. Kryukov, M. I. Farberov, 8 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXXI, No 3, 1958,  
pp 476-483.

Consultants Bureau  
Bureau

Sci - Chem

Apr 59

84,547

Method for the Preparation of Methylpentadiene, by  
M. I. Farberov, S. I. Kryukov.

RUSSIAN, Patent No 106,837, Jul 3, 1957.

ATS RJ-1181

Sci - Chem  
Apr 60

114,545

Analysis of Complex Systems by Reflection  
of Radiation, by S. N. Kryukov, B. S.  
Bokshtein, T. I. Degal'tseva, A. A.  
Zhukhovitskiy, 3 pp.

RUSSIAN, per, Zavod Lab, Vol XXIV, No 11,  
1958, pp 1305-1307.

Instru Soc of Amer

Sci

Apr 60

113,439

On the Determination of the Thermodynamic  
Characteristics of Solid Solutions by Radioactive  
Indicator Methods, by A. A. Zhukovitskiy, M. E.  
Yanitskaya, S. N. Kryukov, 9 pp. UNCLASSIFIED

RUSSIAN, per, Zhur Fiz Khim, Vol XXIX, No 7,  
1955, pp 1338-1341.

Sci Mus Lib Tr 57/4341

Sci - Phys  
Sep 58

73,567

A Method for Determining Diffusion Coefficients, by  
S. N. Kryukov, A. A. Zhukhovitskiy 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol XC,  
No 3, 1953, pp 379-382.

MSF Tr 71

PES

Scientific - Physics

CTS/DEX

DS/R LLU M.84/16.4.1

5232

A Diffusion Method of Determining the Thermo-dynamic Characteristics of Solid Solutions, by XXXXX A. A. Zhukovitskiy, S. N. Kryukov, M. E. Yanitskaya, A. G. Golitzin, 6 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CII,  
1955, pp 121-124.

AEC Tr 2234

Scientific - Physics  
CTS 73/Oct 1955

27,845

<p>Kryukov, V. V. PRINCIPAL FACTORS DETERMINING THE EFFICIENCY OF TURBOCHARGING IN TWO-STROKE ENGINES (Osnovnye Usloviya Opredelyayushchie Effektivnost' Sistemy Gasoturbinnogo Naddviva Dvukhtaktnogo Dvigatelya) July 61 [8]p. RTS 1849. Order from OTS or SLA \$1.10 61-23665 Trans. of Energomashinostroenie (USSR) 1959, v. 5, no. 9, p. 14-16.</p> <p>DESCRIPTORS: *Turbines, *Turbosuperchargers, Effectiveness.</p> <p>The generalized efficiency of a gas turbocharging system is determined. Structural details are discussed and the method of evaluation based on the efficiency of the system supplying gas to the turbine is described. (Author)</p> <p>(Machinery--Engines, TT, v. 6, no. 6)</p>	<p>61-23665</p> <p>I. Kryukov, V. V. II. RTS-1849 III. Department of Scientific and Industrial Research (Ot. Brit.)</p> <p>Office of Technical Services</p>
---	---

Precipitation of Quadrivalent Vanadium With  
5,7-Dibromo- and 5,7-Diiodo-8-Hydroxyquinaline,  
by I. P. Alimarin, V. G. Kryukov, 4 pp.

bimo  
RUSSIAN, per, Zhur Anal Khim, Vol X, No 1,  
USSR, Jan-Feb 1955, pp 56-60. CIA D 151314

Full translation. Consultants Bureau

Scientific - Chemistry

CRS 68/May 55

23, 731

In the Role of Oxygen-Containing Compounds in the  
Synthesis of Hydrocarbons From Carbon Monoxide and  
Hydrogen, by Yu. B. Kagan, Y. B. Kryukov, D. V.  
Kamszolkyna, A. N. Bashkirov, 28 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,  
No 4, 1952, pp 649-657.

Sci Mus Lib No 53/1908

Scientific - Chemistry  
CTS/DEX

6326

The Mechanism of Synthesis of Hydrocarbons From Carbon Monoxide and Hydrogen, by A. N. Bashkirov,  
Y. B. Kryukov, Y. B. Kagan, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LVI, No 6,  
1949, pp 1029-1031.

AT&T-RJ21

Sci - Chem

Jun 59

89,395

THE CONSTRUCTION OF LEADINS IN INSTALLATIONS,  
BY YU. KRYUKOV, 4 PP.

RUSSIAN, PER, VOYENNYY VESTNIK, NO 1, 1962.

ACSI 1-0424-A  
ID 2191530

SCI

19 JUL 62

203,663

AEC-tr-4497(p.66-75) Uncl.

INTERMEDIATE COMPOUNDS IN SYNTHESIS OF  
HYDROCARBONS AND OXYGEN-CONTAINING COMPOUNDS  
FROM CO AND H<sub>2</sub> OVER IRON CATALYSTS. Yu. B.  
Kryukov, A. N. Bashkirov, V. K. Butyugin,  
L. G. Liberov, and N. D. Stepanova. Translated  
from Trudy Vsesoyuz. Nauch.-Tekh. Konf. po  
Primenen. Radioaktiv. i Stabil. Izotopov i  
Izluchenii v Narod. Khoz. i Nauke, Moscow,  
1957 (1958). Izotopy i Izlucheniya v Khim.,  
p.58-65.

C-4 P NSA

N-7

Reactions of Iron Carbides under the Conditions of  
the Fischer-Tropsch Synthesis, by Yu. B. Kryukov,  
A. N. Bashkirov, L. G. Liberov, 6 pp.

RUSSIAN, par, Kinetika i Kataliz, Vol I, No 2,  
1960, pp 274-281.

CB

Sci  
Jul 61

161,244

The Mechanism of Chain Growth During Synthesis of  
Organic Compounds From CO and H<sub>2</sub> on Iron Catalysts,  
by Yu. B. Kryukov, A. N. Bashkirov, et al, 7 pp.

RUSSIAN, per, Kinetika i Kataliz, Vol II, No 5,  
1961, pp 780-787.

CB

Sci  
Aug 62

206,505

Kryukov, Yu. B., Smirnova, R. M. and others.  
THE INTERMEDIATE STAGES OF LIQUID PHASE  
OXIDATION OF SECONDARY ALCOHOLS TO  
KETONES. [1963] [10]p. 24 refs.  
Order from OTS or SLA \$1.10 63-18844

Trans. of Neftekhimika (USSR) 1963, v. 3, no. 2,  
p. 238-245.

DESCRIPTORS: \*Ketones, \*Alcohols, \*Oxidation,  
Phase studies, Oxygen, Isotopes, Hydroxyl radicals,  
Exchange reactions.

It was established by the example of tetradecanols, that  
the liquid-phase oxidation process of higher secondary  
alcohols by molecular oxygen, enriched with the heavy  
isotope O<sup>18</sup>, is accompanied by an oxygen isotope ex-  
change between the reaction products - ketone and  
water. The exchange rate is slower than the reaction  
rate, leading to oxygen exchange. Process of sec.  
(Chemistry--Organic, TT, v. 10, no. 12) (over)

63-18844

I. Kryukov, Yu. B.  
II. Smirnova, R. M.

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Office of Technical Services

alcohol oxidation to ketone is itself not connected with the oxygen exchange in hydroxyl group through the oxygen of oxidant. It was shown, that in liquid-phase oxidation of secondary alcohols the intermediate product - hydroxyhydroperoxide (or its radical) - is decomposed with formation of ketones and without rupture of O-O bond in peroxide bridge. An experimentally based scheme of the oxidation mechanism of secondary alcohols to ketones was proposed, covering the oxidation conditions in liquid- and also in gaseous phases. (Author)

PB-

63-18844

The Use of Radioactive Carbon for the Investigation of the Behavior of Methane Under the Conditions of Synthesis of Hydrocarbons From CO and H<sub>2</sub> Over Iron Catalysts, by Yu. B. Kryukov, et al.

RUSSIAN, per, Khim Tekh Top i Nasel, No 6, 1957,  
pp 26-33.

..... Tech Serv,

Transformations of Butene Under the Conditions  
of Synthesis from CO and H<sub>2</sub> Over Fused Iron  
Catalysts, by Yu. B. Kryakov, A. N. Bashkirov,  
V. K. Butyugin, L. G. Liberov, N. D. Stepanova,  
3 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,  
No. 5, 1958, pp 642-643.

Consultants Bureau

Sci - Chem

112, 278

Apr 60

Wideband Transistor Amplifier, by Yu. V.  
Zavrazhnov, Yu. G. Kryukov, 5 pp.

RUSSIAN, per, Elektrosvyaz', No 10, 1961.

AIEE

Analysis of Tuned Transistor Amplifiers With  
Uncompensated Feedback Loops, by Yu. G. Kryukov,  
9 pp.  
RUSSIAN, per Radiotekh, ~~XXX~~ Vol XVI, No 8, 1961.

~~XXX~~ AIEE

Analysis of a Transistorized Cascode Resonance Amplifier  
by Yu. G. Krushkov, Yu. L. Simonov, 6 pp.

RUSIAN, per, Radiotekh, Vol AVI, no 3, 1961.

AIEE

Sci  
Oct 64

172,520

Effect of Organic Additions Upon Over-voltage  
During Separation of Hydrogen and Chromium and  
The Overcharging of Titanium and Vanadium Ions.  
by N. A. Lezhkarev, A. A. Kryukova.  
RUSSIAN, per., Zh. Fiz. Khim., Vol 23, No 12,  
1949, pp 1457-1463.  
SLL 5828.47 (11717)

119

*A. A. Kryukova*

Fibromatosis of Rabbits Induced by Rous Virus, by  
L. A. Zil'ber, I. N. Kryukova, 5 pp.

RUSSIAN, per, Voprosy Virusology, Vol III, No 3,  
1958, pp 166-169.

Pergamon Inst

Sci - Med

The Combined Action of Cellular and Humoral Factors  
in the Destruction of Tumours in Vitro, by IN.  
Kryukova, 6 pp.

RUSSIAN, per, Voprosy Onkologiy, Vol IV, No 2, 195<sup>o</sup>.  
pp 131-136.

Pergamon Inst

Sci - Med

Jun 59

89,665

An Attempt to Unmask Rous Virus in  
Mammalian Tissues, by I. N. Kryukova, 5 pp.

RUSSIAN, per, Voprosy Virusolog, Vol VI,  
No 3, 1961, pp 313-317.

PP

Sci

Jun 62

200,495

Further Observations on Rabbit Fibromatosis  
Caused by Rous Virus, by L. N. Kryukova,  
4 pp.

RUSSIAN, par, Voprosy Virusolog, Vol VI,  
No 3, 1961, pp 317-321.

PP

Sci

200,496

Jun 62

Acquired Tolerance to Foreign Serum in Rats, by  
I. N. Kryukova, 2 pp.

RUSSIAN, per, Byul Eksper Biol i Med, Vol XLIII,  
No 4, 1957, pp 78, 79.

Consultants Bureau

Sci - Med

May 58

64,436

(NY-6720)

EFFECTS OF EXTRACTS FROM IRRADIATED AND UNIRRADIATED  
PLANTS OF VICIA FABA UPON THE GROWTH OF TUMORS AND  
HOMOLOGOUS NORMAL TISSUES, BY L. M. KRYUKOVA,  
M. S. LOMAKIN, A. M. KUZIN, 15 PP.

RUSSIAN, PER, RADIobiologiya, VOL 1, NO 3, 1961,  
PP 354-357.

JPRS 12307

SCI  
MAR 62

183,282

(NY-6624)

Mutagenic Effect of Metabolites Formed  
in an Irradiated Plant, by L. M.  
Kryukova, 5 pp.

RUSSIAN, per, Radiobiologiya, Vol I,  
No 2, 1961, pp 310-311.

JPRS 11322

1st  
Jan 62

179,460

(NY-6624)

Rate and Dose Dependence of the Formation  
of Antimitotic Substances in Irradiated  
Leaves of Vicia faba, by A. M. Kuzin,  
L. M. Kryukova. 7 pp.

RUSSIAN, per, Radiobiologiya, Vol I,  
No 2, 1961, pp 293-295.

JPRS 11322

See  
Jan 62

179, 464

Distant Effect of Ionizing Radiation in an Irradiated Plant, by I.M. Kryukova, A.M. Kuzin, 3 pp.

RUSSIAN, per, Fiz Rasteniy, Vol VII, No 2, 1960,  
pp 220-221.

Amer Inst of Biol Sci

134, 811

Sci  
Dec 60

Translocated Effect of Ionizing Radiation in  
Plants, by L. M. Kryukova, A. M. Kuzmin, 4 pp.  
RUSSIAN, per, Biofiz, Vol V, No 4, 1960, pp 450-453.

PP

Sci

151085

May 61

The Inhibiting Effect of Substances Formed in  
Irradiated Plants on the Cell Division, Growth  
and Development of Unirradiated Plants, by  
A. M. Kuzin, L. M. Kryukova, G. N. Sayenko,  
V. A. Yazykova, 4 pp.

RUSSIAN, per, Biofiz, Vol IV, No 3, 1959,  
pp 350-353.

Pergamon Press

Sci

113,720

Apr 60

Investigation of the Conversion Electron ~~Spectrum~~  
Spectrum of neutron-deficient Platinum Isotopes, by  
L. N. Kryukova, V. V. Murav'eva, 8 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol XXV,  
No 10, 1961, pp 1257-1265.

CTI

Sci

Oct 62

216,013

Relative  $\gamma$  -Transition Probabilities in Strongly Deformed Nuclei, by A.V. Gnedich, L.N. Kryukova, V.V. Muravyeva, 3 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XXXVIII, No 3, 1960, pp 726-728.

AJP  
Sov Phys - JETP  
Vol XI, No 3

Sci  
Nov 60

132,823

(NY-6581)

Formation of Antimutant Substances in Different  
Species of Fungi Upon Irradiation, by L. M.  
Kryukova, 5 pp.

Russia, par, Radiobiologiya, vol 3, No 1, 1961.  
pp 135, 140.

REFS 10170

173.727

Sci - Biology

Cat. 61

Investigation of Electron Focussing in a Spiral-Orbit  
Spectrometer, by A. V. Gnedich, L. N. Kryukova,  
V. V. Murav'eva, V. I. Shumshurov, 5 pp.

RUSSIAN, per, Pribory i Tekhnika Eksper., No 6, 1958,  
pp 41-46.

Instru Soc of Amer

Sci

Apr 60

114, 056

Concerning Doppler Broadening of the Lines Associated  
With Conversion Electrons Emitted by Recoil Nuclei,  
BY A. V. Gnedich, L. N. Kryukova, V. V. Murav'eva,  
V. S. Shipinai', V. I. Efimushurov, 4 pp.

RUSSIAN, pgr, Iz Ak Nauk SSSR, Ser Fiz, Vol XXII,  
No 7, 1958, pp 867-870.

Columbia Tech

Sci - Phys

Oct 59

99,348

DISSERTATIONS ON ORGANIZATION, OF PUBLIC HEALTH,  
SANITARY STATISTICS, AND HISTORY OF MEDICINE,  
APPROVED BY THE HIGHER CERTIFICATION COMMISSION  
IN 1953-1961, BY G. I. BURAVYKOVA,  
L. P. KIRYUKOVA, 9 PP.

RUSSIAN, PER, SOVETSKOYE ZDRAVOSHMENSTVE,  
NO 12, 1962, PP 76-77.

JMS 17526

USSR  
SOC  
FEB 63

221,577

Resorption of Casein Labeled With I<sup>131</sup> and  
Methionin Labeled With S<sup>35</sup> From the Digestive  
Tract at Various Intervals After Resection  
of Two-Thirds of the Stomach, by  
K. Z. Zamychkina, L. V. Kryukova, 5 pp.

RUSSIAN, per, Byul Eksper Biol i Med, Vol LI,  
NO 4, 1961, pp 43-51.

CB

200,434

Sci

Jun 62

Aluminium As A High-Temperature Heat-Transfer Agent, by S. D. Filimonov, N. G. Kryukov, 26 pp.  
ZEMSIAM, per, Teploobmen v Elektricheskikh Ustanovkakh, 1958, pp 65-83.

F100308567  
PPD-MT-67-49

Sai-Material  
Dec 67

344,411

Inositol As An Intermediate Product of the  
Conversion of Sugars to Polyphenols, by A.  
Kursanov, N. Kryukova, E. Vyskrebentseva, 16p.  
RUSSIAN, per, Biokhimiya, Vol 13, No 6, 1968,  
pp 530-537.  
K-H 2150 c

321,667

Sci - Chemistry  
Mar 67

Ancient Precambrian Rocks of the Ukraine  
in the Dnieper Bend, by L. V. Konlev,  
V. G. Savonenkov, N. F. Kryukova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLIX,  
No 6, 1959, pp 1374-1377.

AGI

Sci

Jun 61

154, 681

Effect of Keto and Hydroxy Acids on Photosynthesis,  
by A. L. Kursanov, N. N. Kryukova, 7 pp.

RUSSIAN, bimo per, Biokhim, Vol XXII, No 1, 2,  
Jan-Apr 1957, pp 391-398.

Consultants Bureau

Sci - Chemistry  
Apr 58

61,690

MIKHEEVA, V. J., and KRYUKOVA, O. N.

The Chemical Nature of the Ternary T Phase in the  
Aluminum Magnesium

Iz Ak Nauk SSSR, Otd Khim Nauk, 1944

RUSSIAN

AEC TR  
CTS Oct 1949 (1/49)

A6294

Fusion Diagram of the Aluminium - Copper - Lithium System, by V. I. Mikheyeva, Z. K. Sterlyadkina, O. N. Kryukova, 4 pp.

RUSSIAN, per, Zhur Neorgan Khim, Vol V, No 8, 1960, pp 1788-1795.

Cleaver-Hume Press

Sci

Jul 61

157, 630

The Thermal Decomposition of Lithium Aluminum  
Hydride, by V. I. Mikheyeva, M. S. Selivokhina,  
O. N. Kryukova, M 2 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol 61,  
No 3, Jul/Aug 1956, pp 541, 542.

Consultants Bureau

Sci - Chem

56, 635

Dec 57

Polarographic Maximum Due to the Action of an  
External Electric Field, by I. I. Popov,  
I. A. Kryukova,  
Khimiia, ser. Khim. Nauk. Vol. 25, no 3, 1951,  
pp. 283-292.  
SLA ref: 6732 (1290)

50

T.A. KRYUKOVA

Khrushchev  
Aug 68

361.700

Second Type of Polarographic Maximum and Its  
Method of Application to Analytic Chemistry,  
Part 3, by T. A. Kryukova,  
RUSSIAN, pos, Zavodskaya Laboratoriya, Vol 14,  
No 7, 1948, pp 767-772.  
MLL 5828.4F (11735) 51

P. A. Kryukova  
Sci - Chem

Sept. 67

340,146

Type I and Type 2 Polarographic Maxima, by T.  
A. Kryukova.  
RUSSIAN, per, Zhurnal Fizicheskoi Khimii, Vol  
21, 1947, pp 365-375.  
NLL RIS 3714

Sci-Chem  
Rec 67

T. A. KRYUKOVA

\$45.319

29

The Movement of Solution Near a Dripping Mercury Electrode. III. Movement in Concentrated Solutions of Foreign Electrolytes and the Formation of False Waves on the Polarographic Curve, by T. A. Kryukova and N. N. Sabanov.  
RUSSIAN, per, Zhurnal Osnovykh Khimii, Vol. 15,  
1945, pp 294-306.  
HLL RIS 3713

Sci-Chem  
Nov 67

T. A. KRYUKOVA

345.339

Polarographic Maxima of the First Order. Dependence of Maximum Current on Concentration of Reducible Substance and Conductivity of Solution, by T. I. Popova, T. A. Kryukova, 5 pp.

RUSSIAN, per, Zhar Mz Khim, No 6, 1960, pp 1226-1233.

Cleaver-Hume Press

Sci

144, 485

Apr 61

Oxidation of Phosphorus on Solid Surfaces, by T. A.  
Kryukova, 19 pp.

RUSSIAN, par, Zhur Ceshch Khim, Vol IX, 1939, pp  
577-586.

SLA R-3353

Sci

Aug 59

93, 541

The Rapid Determination of the Total Phosphorus in the Gas  
Gases from the Phosphorus Distillation Furnace,  
by T. A. Kryukova, G. F. Lyutringgauzer, 8 pp.

RUSSIAN, Jour, Zhur Khim, Prom, Vol XIV. 1937, pp  
1404-1407.

SLA R-2922

Sci

Jul 59

91,401

The Rate of Crystallization of Ferric Phosphates  
From Supersaturated Solutions, by M. L. Chepelev  
skiy, T. A. Kryukova, 9 pp.

RUSSIAN, per, Trans Sci Inst Fertilizers and Inse...  
fungicides, SSSR, No 137, 1937, pp 102-109.

SLA R-2456

Sci  
Apr 59

84,752

Particulars on the Coatings of the Russian Welding  
Electrodes MEZ-04 and MEZ-K, by N. N. Kryukovskii.

RUSSIAN, Avtogennoe Delo, Vol 21, 1950, No 12, p 28

Brutcher Tech Tr No 2856

A 6295

Determination of Yellow and Red Phosphorus  
and Its Oxidation Products in the Presence  
of One Another, by T. A. Kryukova, 9 pp.

RUSSIAN, per, Zavod Lab, Vol VI, 1937. pp  
47-51.

SLA R-2511

Sci

702, 812

Aug 58

Liquid Sintering of Alkaline Earth Oxides of Dolomite, by G. V. Rukolev, I. A. Kryzhanovskaya,  
10 pp.

MENZIAN, no pag., Khim. Prom. Nauk, Vol XXII, No 10,  
Oct 1956, pp 1502-1511.

Consultants Bureau

Sci - Chem

56, 462

Dec 57

Determination of Lead Sulfate in the Active Masses  
of Lead Accumulators, by V. V. Tenkovtsev, E. N.  
Rozenblyum, Z. S. Kryukova, F. M. Klebanova, 4 pp.

RUSSIAN, per, Zhur Analit Khim, Vol XII, No 6,  
1957, pp 736-739.

Consultants Bureau

Sci - Chem

Oct 58

74, 815

The Catalytic Cracking of Ethylenediisopropylbenzene, by V. L. Vaiser, V. D. Ryabov, B. I. Kryvelev, 8 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXII, pp 655-658, 1957.

SLA R-1648

Sci - Chem  
Aug 58

70,574

(SF-1875)

An Important Side of Life, by I. Kryvelev, 10 pp.  
RUSSIAN, per, Komunist, No 8, 1961, pp 65-72.

JPRS 4791

USSR

Soc

162,398

Aug 61

J-4730 (EL)

(DC-3209-IR).

Ways of Getting to Know God, by I. Kryvelev, 6 pp.

RUSSIAN, np, Komsomol'skaya Pravda, 15 Nov 1959,  
p 3.

JPRS-1103-D

USSR  
Soc - Religion  
Jan 60

106/192

(SF-2036)

THE DISAPPEARANCE OF RELIGIOUS SURVIVALS AMONG  
PEOPLES OF THE USSR, BY I. A. KRYVELEV, 19 PP.

RUSSIAN, PER. SOVIET ETNOGRAFIYA, NO 4,  
1961, PP 30-44.

JPRS 12408

USSR  
SOC  
MAR 62

183,193

-7.

Manufacture of "Gas Concrete" for use in the  
Prefabrication of Large-Sized Building Units,  
by S. Mironov, M. Kryvytsky.

RUSSIAN, per, Beton i Zhelezobeton, No 8,  
1961, pp 361-364.

CSIRO/No 5693

Sci-Engr  
Mar 63

225,257

Lor,e-Selue Analog Computer With Digital  
Control and Readout, by V. Kryzanek.  
CZ.CS, pr., Ceskoslovenska Akademie Ved,  
no 9, 1963, pp 190-227.

PTB-7-06-738

V. KRYZANEK

Sci - Elec & Elect Engr  
REC 60

73  
larger Analog Computers with Numerical Control-  
systems and with Numerical Printout of the Solu-  
tion, by Vladimír Kryzaneck, 32 pp.  
Ceskoslovenská Akademie Věd, Ústav  
pro M., poř. Československá Akademie Věd, Ústav  
teoretických strojů, Stroje na řízení  
informací, No 9, 1963, pp 199-227. 100001168.  
MIL-TR-66-798

Sci-Mlec  
May 68

356.350

Vladimír Kryzaneck

(NY-6534)

Changes in the Pollen Grains of Rye Plants Exposed to the Continuous Action of Gamma Rays, by L. P. Gerasimova, Z. V. Mileshko, I. M. Kryzhanovskaya; 18 pp.

RUSSIAN, per, Radiobiologiya, Vol. 3, No 1, 1961,  
pp 128-134.

JPRS 10170

173, 726

Sci - Biology

Oct 61

Complex Mechanization and Automation of Cupolas,  
by G. M. Kryzhanovskiy, 3 pp.

RUSSIAN, per, Lit Proiz, No 10, 1961.

DCIKA

Sci

Jun 62

200,307

(HY-5609)

Third Scientific Conference on Problems of the  
Physiology of Work, by V. H. Kryzhanivs'kyj, 12 pp.

RUSSIAN, per, Fiz Zhur, Vol VI, No 5, Sep/Oct 1960,  
pp 694-697.

JPRS 7630

Sci - Phys

140.080

Feb 61

On the Conductivity of Semiconducting Tin  
Dioxide, by B. P. Kryzhanovskiy, 2 pp.

RUSSIAN, por, Zhur Tekh Fiz, Vol XXVIII,  
No 7, 1958, pp 1489-2490.

Amer Inst of Phys  
Sov Phys - Tech Phys  
Vol XXVIII, No 7

Sci - Phys

Mar 59

83,098

Films of Semiconducting Tin Dioxide with Increased Conductivity, by A. Ya. Kuznetsov,  
A. V. Kruglova, B. P. Kryzhanovskiy, 3 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXXII, No 5,  
1959, pp 1161-1162.

Consultants Bureau

Sci.

Jun 60

117,759

Refractory Stannic Oxide Film and Its Uses,  
by B. P. Kryzhanovskiy, A. Ya. Kuznetsov,  
3 pp.

RUSSIAN, per, Pribroy i Tekh Eksper, No 4,  
1958, pp 76-77.

Instru Soc of Amer

Sci

Apr 60

114,027

Maximal and Minimal Properties of Geometric Figures, by D. A. Kryzhanovskiy.

RUSSIAN, bk, Maksimal'nye i Minimal'nye Svoistva Geometricheskikh Figur.

D.C. Heath Co., Publ.  
285 Columbus Ave.  
Boston 16, Mass.

Per Memo: NSF  
16 Dec 60

(DC-2700/5).

Hybridization of Zebu and Cattle, by F. D. Kryzhanovskiy  
3 pp.

RUSSIAN, per, Zhivotnovodstvo, No 6, 1959, pp 41-43.

JPRS-960-D

USSR  
Econ - Agriculture  
Oct 59

98,781

Effect of the Tetanus Toxin on Neuromuscular Transmission, by G. N. Kryzhevskiy,  
A. Kh. Knayev, 3 pp.  
RUSSIAN, per, Zhurnal' Sperimental'noy  
Biologii i Meditsiny, Vol 58, No 10, 1964,  
pp 65-69.  
JPRS 28549

p 64

Sci-Med & Med

Mar 65

275,882

Routes of Tetanus Toxin Entrance Into the Central  
Nervous System and Some Problems of Experimental  
Tetanus ~~RX~~ Pathogenesis. Communication III.  
Experiments on Monkeys and Dogs, by G. N.  
Kryzhanovskiy, L. A. Pevnitskiy, et al, 7 pp.

RUSSIAN, per, Byul Eksper Biol i Med, Vol LII,  
No 11, 1961, pp 35-42.

CB

Sci  
Sep 62

210,618

Routes of Entrance of Tetanus Toxin into the Central Nervous System and Certain Questions in the Pathogenesis of Experimental Tetanus. IV. On the Pathogenesis of Ascending and Descending Tetanus, by G. N. Kryzhanovskiy, L. A. Pevnitskiy, 8 pp.

RUSSIAN, per, Byul Eksper Biol i Med, Vol LII, No 12, 1961, pp 30-37.

CB

210,644

Sci  
Sep 62

Routes of Entrance of Tetanus Toxin Into the Central  
Nervous System and Some Problems Connected With  
the Pathogenesis of Experimental Tetanus. II.  
Experiments on Mice Guinea Pigs, Rabbits and Cats,  
by G. N. Kryzhanovskiy, L. A. Pevnitskiy, 5 pp.

RUSSIAN, per, Byul Eksper Biol i Med, Vol LII,  
No 8, 1961, pp 31-36.

CB

Sci

Jun 62

201,341

On the question of the rapidity of development and degree of immunity against tetanus and gas gangrene with different methods of immunization, by A. Ya. Alymov, G. M.. Kryzhanovsky, L. A. Povnitsky, 9 pp.

RUSSIAN, per, Byul Eksp Biol i Med, Vol 43, No 5, 1957, pp. 100-108.

Consultants Bureau

Sci - Med

Jun 58

65, 10.2

The Incubation Period in Passive Immunity to  
Tetanus Toxin, by G. H. Kryzhanovskiy, S. V.  
RUSIAN, per, Byul Elektar Biol i Med, Vol XLV,  
No 3, 1958, pp 91-95.

Consultants Bureau

Sci - Med

Nov 58

76,950

(NY-5554)

On the Problem of the Formation of Antiantibodies,  
by G. N. Kryzhanovskiy, L. N. Fontalin, L. A.  
Pevnitskiy, 21 pp.

RUSSIAN, per, Vest Ak Ned Nauk SSSR, Vol XV,  
No 10, 1960, pp 18-29.

JPRS 7826

Sci - Med

Mar 61

SLA' 61-21317 142,598

Routes of Tetanus Toxin Entrance Into the Central Nervous System and Some Problems in the Pathogenesis of Experimental Tetanus. Report I. Experiments on Albino Rats, by G. N. Kryzhanovskiy, L. A. Pevnitskiy, et al, 7 pp.

RUSSIAN, per, Byul Eksper Biol i Med, Vol 57, No 3, 1961, pp 42-48.

CD

Sci  
Aug 62

203,137

Central Nervous Changes in Experimental Tetanus and  
the Mode of Action of the Tetanus Toxin. Rpt II.  
The Part Played by Spinal Mechanisms, by G. N.  
Kryzhanovskiy, 5 pp.

RUSSIAN, per, Byul Eksper Biol i Med, Vol XLVIII,  
No 11, 1959, pp 38-42.

CB

Sci -  
Jul 60

120,947

A Study of the Possibility of Early Production of  
Immunity After Primary Immunization With Tetanus  
Toxoid, by L. A. Pevnitskiy, G. N. Kryzhanovskiy,  
7 pp.

RUSSIAN, per, Zhur Mikrobiol Epidemiol i Immunobiol,  
Vol XXX, No 10, 1959, pp 43-48.

PP

Sci  
Sep 60

127, 642

Functional Changes in the Central Nervous System in  
Tetanus and the Mode of Action of the Tetanus Toxin.  
III. The Central and Peripheral Action of the  
Tetanus Toxin, by G. N. Kryzhanovskiy, 6 pp.

RUSSIAN, per, Byul Eksper Biol i Med, Vol XLII,  
No 1, Jan 1960, pp 42-48.

CB

Jci  
Aug 60

126,158

The Number of Insect Species in the Fauna of the USSR  
and in the World Fauna (Regarding Prof. V. G. Gaytuaer's  
Article), by O. L. Kryzhanovskiy, 9 pp.

RUSSIAN, por., Entomolog Choz, Vol XXVII, No 3, 1958,  
pp USSR 661-669.

AIDS

Sci. " -  
Jan 61.

137, 056

Scientific Results of the Chinese-Soviet Zoolo-  
gical-Botanical Expeditions of 1955-1957 to  
Southwestern China. The Endomychidae (Coleop-  
tera) of Yunnan, by O. L. Kryzhanovskiy, 11 pp.

RUSSIAN, per, Entomolog Oboz, Vol XXXIX, No 4,  
1960, pp 870-884.

AIBS

Sci  
Jul 61

158, 111

A Review of Species of the Genus Teratolytta  
(Coleoptera, Meloidae) Found in the USSR, and  
a Description of Two New Forms from Tadzhikistan,  
by O. L. Kryzhanovskiy, 5 pp.

RUSSIAN, per, Entomolog Obog, Vol XXXVIII, No 4,  
1959, pp 855-859.

AIDS

Sci

136,292

Jan 61

Application of Elements of Digital Techniques  
in Automatic Control Systems for Multi-Cable  
Shaft Elevator Installations, by  
O. M. Kryzhanovskiy, M. Yu. Beyderman, 23 pp.

RUSSIAN, bk, Trudy Konferentsiya po Voprosam  
Teorii i Primeneniye Diskretnykh Avtomati-  
cheskikh Sistem, 1960. 9676749-V

FED NCL-1253/1

Sci - Phys

196,077

16 May 62

(NY-3098).

Transient Processes in Optimal Control Systems,  
by O. N. Kryzhanovskiy, V. M. Kuntsevich, 23 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, OTD, Energetika i  
Avtovestika, No 3, 1959, pp 32-42.

JPRS-2009-8

USSR  
Sci - Engineering  
Dec 59

101, 505

On the Principle of the Structure of the Taxonomy  
of Gobies of the Family Gobiidae, by  
S. G. Kryzhanovskiy, Z. M. Pchelina.  
RUSSIAN, per, Zoologicheski Zhurnal, Vol 20, No 3,  
1941, pp 446-455.  
Dept of Interior  
BCP/OFF  
A-36-Feb 1970-No 48  
On Loan

63

S. G. KRYZHANOVSKIY

Sci/BGM  
May 70